

| Ref # | Hits | Search Query  | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|---|---|------------------|---------|------------------|
| L1    | 70   | CCD and (tunnel or landmine or water) and (rock or pavement or concrete or gravel or sand or soil or mud) and inertia | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2006/02/15 09:02 |
| L2    | 400  | 250/341.1.ccls.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2006/02/15 09:03 |
| L3    | 211  | 250/341.6.ccls.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2006/02/15 09:03 |
| L4    | 711  | 250/342.ccls.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2006/02/15 09:03 |
| L5    | 131  | 250/339.1.ccls.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2006/02/15 09:03 |
| L6    | 141  | 250/339.06.ccls.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2006/02/15 09:03 |
| L7    | 91   | 250/339.14.ccls.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2006/02/15 09:03 |
| L8    | 1871 | 250/338.1.ccls.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2006/02/15 09:03 |
| L9    | 390  | 250/253.ccls.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2006/02/15 09:03 |
| L12   | 450  | 382/309.ccls.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2006/02/15 09:03 |
| L13   | 546  | 382/149.ccls.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2006/02/15 09:03 |

|     |       |   |                                    |    |    |                  |
|-----|-------|---|------------------------------------|----|----|------------------|
| L14 | 14    | (CCD or thermal or infrared or IR) and (subsurface or underground or buried) and (thermal adj inertia) and (satellite or map or (aerial same photo) and (soil or topography or meteorology or geology or vegetation)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/02/15 09:06 |
| L15 | 63    | CCD and (subsurface or underground or buried) and inertia   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/02/15 09:05 |
| L19 | 12620 | (subsurface or underground or buried) and (satellite or map or (aerial same photo))   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/02/15 09:06 |
| L20 | 8     | L2 and L19  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/02/15 09:06 |
| L21 | 9     | L3 and L19  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/02/15 09:06 |
| L22 | 6     | L4 and L19  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/02/15 09:06 |
| L23 | 2     | L5 and L19  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/02/15 09:06 |
| L24 | 2     | L6 and L19  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/02/15 09:06 |
| L25 | 2     | L7 and L19  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/02/15 09:06 |
| L26 | 8     | L8 and L19  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/02/15 09:06 |
| L27 | 28    | L9 and L19  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/02/15 09:06 |
| L28 | 1     | L12 and L19   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/02/15 09:06 |

|     |     |  |   |    |    |                  |
|-----|-----|--|---|----|----|------------------|
| L29 | 10  | L13 and L19  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/02/15 09:06 |
| L30 | 1   | L2 and environment and (tunnel or<br>landmine or water) and inertia  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/02/15 09:07 |
| L31 | 2   | L3 and environment and (tunnel or<br>landmine or water) and inertia  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/02/15 09:07 |
| L32 | 2   | L4 and environment and (tunnel or<br>landmine or water) and inertia  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/02/15 09:07 |
| L33 | 1   | L5 and environment and (tunnel or<br>landmine or water) and inertia  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/02/15 09:07 |
| L34 | 2   | L6 and environment and (tunnel or<br>landmine or water) and inertia  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/02/15 09:07 |
| L35 | 1   | L7 and environment and (tunnel or<br>landmine or water) and inertia  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/02/15 09:07 |
| L36 | 6   | L8 and environment and (tunnel or<br>landmine or water) and inertia  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/02/15 09:07 |
| L37 | 2   | L9 and environment and (tunnel or<br>landmine or water) and inertia  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/02/15 09:07 |
| L38 | 0   | L12 and environment and (tunnel<br>or landmine or water) and inertia | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/02/15 09:07 |
| L39 | 0   | L13 and environment and (tunnel<br>or landmine or water) and inertia | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/02/15 09:07 |
| S1  | 399 | 250/341.1.ccls.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/02/14 13:32 |

|     |     |   |   |    |    |                  |
|-----|-----|---|---|----|----|------------------|
| S2  | 107 | S1 and surface and object and temperature | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/02/13 08:01 |
| S3  | 1   | S2 and map and (3D or 3-D)                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/02/10 14:32 |
| S4  | 10  | S2 and map                                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/02/10 14:33 |
| S5  | 10  | S1 and (surface adj temperature)          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/02/10 14:35 |
| S6  | 0   | S1 and SCEB same code                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/02/10 14:35 |
| S7  | 0   | S1 and SCEB                               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/02/10 14:36 |
| S8  | 0   | S1 and water and tunnel and landmine      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/02/10 14:37 |
| S9  | 479 | S1 and tunnel or landmine                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/02/10 14:39 |
| S10 | 3   | S9 and Surface and climate and energy     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/02/10 15:03 |
| S11 | 3   | S1 and Surface and climate and energy     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/02/10 14:47 |
| S12 | 210 | 250/341.6.ccls.                           | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/02/10 14:47 |
| S13 | 1   | S12 and Surface and climate and energy    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/02/10 14:47 |

|     |    |  |                                    |    |    |                  |
|-----|----|--|------------------------------------|----|----|------------------|
| S14 | 12 | ("5869967"   "5886664").PN. OR ("6343534").URPN.   | US-PGPUB; USPAT; USOCR             | OR | ON | 2006/02/10 14:52 |
| S15 | 31 | S9 and environment and surface and temperature and defect  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/02/10 15:04 |
| S16 | 1  | S9 and environment and subsurface and temperature and defect   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/02/15 09:05 |
| S17 | 8  | ("4174636"   "4208915"   "4285243"   "5802013"   "6131695").PN. OR ("6536553").URPN.   | US-PGPUB; USPAT; USOCR             | OR | ON | 2006/02/10 15:05 |
| S18 | 2  | S2 and thermal and inertia   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/02/10 15:08 |
| S19 | 48 | S2 and thermal   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/02/10 15:08 |
| S20 | 20 | ("4149688"   "4799629"   "5017922"   "5034751"   "5082079"   "5521817"   "5575438"   "5592170"   "5673050"   "5728965"   "5890441"   "5936233"   "6058847"   "6142414"   "6260796"   "6343534"   "6450445"   "6487950").PN. OR ("6626078").URPN.     | US-PGPUB; USPAT; USOCR             | OR | ON | 2006/02/10 15:10 |
| S21 | 18 | ("20030076254"   "4675677"   "4706031"   "4797680"   "4978960"   "5592170"   "5673050"   "5837926"   "5867117"   "5900833"   "5920285"   "5936233"   "5969661"   "5974881"   "6133869"   "6384766"   "6590519"   "6626078").PN. OR ("6982666").URPN. | US-PGPUB; USPAT; USOCR             | OR | ON | 2006/02/10 15:17 |
| S22 | 1  | S21 and thermal and (imagery or image)   | US-PGPUB; USPAT; USOCR             | OR | ON | 2006/02/10 15:27 |
| S23 | 35 | "400289"   | US-PGPUB; USPAT; USOCR             | OR | ON | 2006/02/10 15:28 |

|     |     |   |   |    |    |                  |
|-----|-----|---|---|----|----|------------------|
| S24 | 8   | "4005289"   | US-PGPUB;<br>USPAT;<br>USOCR                | OR | ON | 2006/02/10 15:28 |
| S25 | 10  | ("3278746"   "3373281").PN. OR<br>("4005289").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                | OR | ON | 2006/02/13 08:01 |
| S26 | 38  | ("20030025627"   "20030220740"<br>  "20040066966"   "20040162675"<br>  "4005289"   "4659234"  <br>"4675677"   "4754492"  <br>"4916745"   "4974182"  <br>"5118200"   "5132922"  <br>"5156461"   "5255190"  <br>"5263097"   "5325445"  <br>"5377126"   "5390125"  <br>"5497430"   "5550937"  <br>"5588032"   "5608405"  <br>"5796611"   "5798864"  <br>"5867386"   "5878746"  <br>"5920839"   "5929980"  <br>"5930330"   "6000844"  <br>"6052677"   "6055480"  <br>"6128578"   "6173068"  <br>"6307500"   "6485625"  <br>"6496592"   "6748327").PN. OR<br>("6837617").URPN. | US-PGPUB;<br>USPAT;<br>USOCR                | OR | ON | 2006/02/10 15:31 |
| S27 | 36  | ("3711718"   "3973122"  <br>"4513384"   "4647220"  <br>"4866276"   "4916317"  <br>"4950990"   "4965451"  <br>"4988210"   "5111048"  <br>"5131758"   "5168161"  <br>"5357112"   "5358333"  <br>"5374122"   "5376793"  <br>"5386117"   "5444241"  <br>"5463464"   "5487440"  <br>"5582485"   "5654977"  <br>"5810477").PN. OR ("6000844").<br>URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                | OR | ON | 2006/02/10 15:36 |
| S28 | 6   | (US-4978960-\$ or US-5445453-\$<br>or US-6000844-\$ or US-6133869-\$<br>or US-6343534-\$ or<br>US-6982666-\$).did.  | USPAT                                       | OR | ON | 2006/02/13 08:01 |
| S29 | 399 | 250/341.1 ccls.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/02/13 10:28 |
| S30 | 107 | S29 and surface and object and<br>temperature   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/02/13 08:01 |

|     |     |  |   |    |    |                  |
|-----|-----|--|---|----|----|------------------|
| S31 | 0   | S30 and S28  | US-PGPUB;<br>USPAT;<br>USOCR                | OR | ON | 2006/02/13 08:01 |
| S32 | 5   | S28 and surface and object and temperature   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/02/13 08:18 |
| S33 | 728 | heat\$4 and environment and wavelength and subsurface  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/02/13 08:47 |
| S34 | 275 | heat\$4 and environment and wavelength and subsurface and (remotely or remote)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/02/13 08:03 |
| S35 | 4   | S29 and S34  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/02/13 08:03 |
| S36 | 130 | S34 and thermal and image\$4   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/02/13 08:11 |
| S37 | 3   | S28 and thermal and image\$4   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/02/13 08:11 |
| S38 | 12  | ("4005289"   "4616134"   "4678911"   "5045937"   "5121993"   "5149959").PN. OR ("5445453").URPN.                                   | US-PGPUB;<br>USPAT;<br>USOCR                | OR | ON | 2006/02/13 08:14 |
| S39 | 480 | S29 and tunnel or landmine   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/02/13 08:25 |
| S40 | 1   | S28 and S39  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/02/13 08:18 |
| S41 | 17  | S29 and (tunnel or landmine or water) and (rock or pavement or concrete or gravel or sand or soil or mud)                          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/02/13 09:06 |
| S42 | 3   | S29 and (tunnel or landmine or water) and (rock or pavement or concrete or gravel or sand or soil or mud) and thermal and image\$4 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/02/13 11:41 |

|     |     |  |   |    |    |                  |
|-----|-----|--|---|----|----|------------------|
| S43 | 1   | S28 and (tunnel or landmine or water) and (rock or pavement or concrete or gravel or sand or soil or mud) and thermal and image\$4   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/02/13 13:01 |
| S44 | 12  | ("5869967"   "5886664").PN. OR ("6343534").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                | OR | ON | 2006/02/13 08:28 |
| S45 | 20  | ("4149688"   "4799629"   "5017922"   "5034751"   "5082079"   "5521817"   "5575438"   "5592170"   "5673050"   "5728965"   "5890441"   "5936233"   "6058847"   "6142414"   "6260796"   "6343534"   "6450445"   "6487950").PN. OR ("6626078").URPN. | US-PGPUB;<br>USPAT;<br>USOCR                | OR | ON | 2006/02/13 08:29 |
| S46 | 219 | 250\$.ccls. and (tunnel or landmine or water) and (rock or pavement or concrete or gravel or sand or soil or mud) and thermal and image\$4   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/02/14 12:37 |
| S47 | 12  | 250\$.ccls. and (tunnel or landmine or water) and (rock or pavement or concrete or gravel or sand or soil or mud) and thermal and image\$4 and inertia   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/02/13 09:10 |
| S48 | 6   | (tunnel or landmine or water) and (rock or pavement or concrete or gravel or sand or soil or mud) and thermal and image\$4 and inertia and environment and wavelength and subsurface   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/02/13 08:47 |
| S49 | 13  | ("4005289"   "5111048").PN. OR ("5444241").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                | OR | ON | 2006/02/13 08:47 |
| S50 | 10  | ("3278746"   "3373281").PN. OR ("4005289").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                | OR | ON | 2006/02/13 08:48 |
| S51 | 13  | ("4005289"   "5111048").PN. OR ("5444241").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                | OR | ON | 2006/02/13 08:59 |
| S52 | 14  | environment and (natural\$4 same heat\$5) and (tunnel or landmine or water) and (rock or pavement or concrete or gravel or sand or soil or mud) and thermal and image\$4 and inertia   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/02/13 09:05 |

|     |      |   |   |    |    |                  |
|-----|------|---|---|----|----|------------------|
| S53 | 162  | environment and (tunnel or landmine or water) and (rock or pavement or concrete or gravel or sand or soil or mud) and thermal and image\$4 and inertia  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/02/15 09:07 |
| S54 | 0    | S28 and S53   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/02/13 09:05 |
| S55 | 6    | 250\$.cccls. and S53  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/02/13 09:05 |
| S56 | 1231 | environment and subsurface and remote\$4 and (tunnel or landmine or water) and (rock or pavement or concrete or gravel or sand or soil or mud)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/02/13 09:06 |
| S57 | 243  | environment and subsurface and remote\$4 and (tunnel or landmine or water) and (rock or pavement or concrete or gravel or sand or soil or mud) and image\$4 and (\thermal or temperature)               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/02/13 09:07 |
| S58 | 243  | environment and subsurface and remote\$4 and (tunnel or landmine or water) and (rock or pavement or concrete or gravel or sand or soil or mud) and image\$4 and (thermal or temperature)                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/02/13 09:07 |
| S59 | 147  | environment and subsurface and remote\$4 and (tunnel or landmine or water) and (rock or pavement or concrete or gravel or sand or soil or mud) and image\$4 and (thermal and temperature)               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/02/13 09:07 |
| S60 | 2    | environment and subsurface and remote\$4 and (tunnel or landmine or water) and (rock or pavement or concrete or gravel or sand or soil or mud) and image\$4 and (thermal and temperature) and inertia   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/02/13 09:08 |
| S61 | 107  | environment and subsurface and remote\$4 and (tunnel or landmine or water) and (rock or pavement or concrete or gravel or sand or soil or mud) and image\$4 and (thermal and temperature) and calculate | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/02/13 09:08 |

|     |     |   |                                    |    |    |                  |
|-----|-----|---|------------------------------------|----|----|------------------|
| S62 | 13  | ("4005289"   "5111048").PN. OR ("5444241").URPN.  | US-PGPUB; USPAT; USOCR             | OR | ON | 2006/02/13 09:09 |
| S63 | 3   | 382\$.cccls. and (tunnel or landmine or water) and (rock or pavement or concrete or gravel or sand or soil or mud) and thermal and image\$4 and inertia   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/02/13 09:46 |
| S64 | 13  | ("3903520"   "4728897"   "4843597"   "4905008"   "5248975"   "5325095"   "5339080"   "5357253"   "5446461"   "5499029"   "5673050"   "5886664").PN. OR ("6133869").URPN.                          | US-PGPUB; USPAT; USOCR             | OR | ON | 2006/02/13 09:38 |
| S65 | 6   | (thermal adj imaging) and (tunnel or landmine or water) and (rock or pavement or concrete or gravel or sand or soil or mud) and inertia   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/02/15 09:02 |
| S66 | 7   | (thermal adj imaging) and (tunnel or landmine or water) and (rock or pavement or concrete or gravel or sand or soil or mud) and (location and clutter and (thickness or volume or depth))         | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/02/13 09:49 |
| S67 | 5   | (thermal adj imaging) and (tunnel or landmine or water) and (rock or pavement or concrete or gravel or sand or soil or mud) and (location and clutter and (thickness or volume or depth)) and map | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/02/13 09:51 |
| S68 | 214 | (thermal adj imaging) and (tunnel or landmine or water) and (rock or pavement or concrete or gravel or sand or soil or mud)   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/02/13 10:21 |
| S69 | 6   | (thermal adj imaging) and (tunnel or landmine or water) and (rock or pavement or concrete or gravel or sand or soil or mud) and (thickness and location and clutter)                              | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/02/13 10:25 |
| S70 | 5   | (thermal adj imaging) and (tunnel or landmine or water) and (rock or pavement or concrete or gravel or sand or soil or mud) and (thickness and location and clutter) and map                      | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/02/13 10:27 |
| S71 | 2   | 250\$.cccls. and (thermal adj imaging) and environment and subsurface and inertia   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/02/13 10:28 |

|     |   |  |                                    |    |    |                  |
|-----|---|--|------------------------------------|----|----|------------------|
| S72 | 5 | 250\$.ccls. and (thermal adj imaging) and environment and subsurface and calculate   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/02/13 10:29 |
| S73 | 5 | 250\$.ccls. and (thermal adj imaging) and environment and subsurface and calculate   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/02/13 10:31 |
| S74 | 5 | 382\$.ccls. and (thermal adj imaging) and environment and subsurface and calculate   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/02/13 10:32 |
| S75 | 5 | 250\$.ccls. and (thermal adj imaging) and environment and subsurface and calculate   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/02/13 10:35 |
| S76 | 6 | (thermal adj imaging) and (tunnel or landmine or water) and (rock or pavement or concrete or gravel or sand or soil or mud) and (thickness and location and clutter) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/02/13 10:34 |
| S77 | 5 | 250\$.ccls. and (thermal adj imaging) and environment and subsurface and calculate   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/02/13 13:11 |
| S79 | 5 | 250\$.ccls. and (thermal adj imaging) and environment and subsurface and calculate   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/02/13 10:52 |
| S80 | 2 | "6751342" and (thermal adj imaging) and environment and subsurface and calculate   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/02/13 10:47 |
| S81 | 1 | 250\$.ccls. and (thermal adj imaging) and environment and subsurface and calculate and (signal adj ratio)  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/02/13 10:53 |
| S82 | 2 | 250\$.ccls. and (thermal adj imaging) and environment and subsurface and( calculate same temperature)  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/02/13 10:53 |
| S83 | 2 | 250\$.ccls. and (thermal adj imaging) and environment and subsurface and (calculate same temperature)  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/02/13 10:59 |
| S84 | 6 | 250\$.ccls. and (thermal adj imaging) and environment and subsurface and (calculate or inertia)  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/02/13 11:02 |

|     |    |  |                                    |    |    |                  |
|-----|----|--|------------------------------------|----|----|------------------|
| S85 | 8  | 250\$.cccls. and (thermal adj imaging) and environment and subsurface and (depth or volume or thickness)   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/02/13 11:03 |
| S86 | 30 | 250\$.cccls. and (thermal adj imaging) and subsurface and (depth or volume or thickness)   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/02/13 11:33 |
| S87 | 15 | 250\$.cccls. and (thermal adj imaging) and subsurface and (wavelenth or IR) and temperature  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/02/13 11:09 |
| S88 | 15 | 250\$.cccls. and (thermal adj imaging) and (subsurface or underground) and (wavelenth or IR) and temperature   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/02/13 11:09 |
| S89 | 27 | 250\$.cccls. and (thermal adj imaging) and (subsurface or underground) and (wavelength or IR) and temperature  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/02/13 11:20 |
| S90 | 15 | ("4124990"   "4653316"   "4987412"   "5026141"   "5042055"   "5126654"   "5444241"   "5656786"   "5657003"   "5686674"   "5817945"   "6178253"   "6336095"   "6560729"   "6615648").PN. OR ("6842534").URPN. | US-PGPUB; USPAT; USOCR             | OR | ON | 2006/02/13 11:12 |
| S91 | 1  | S90 and (thermal adj imaging) and (subsurface or underground) and (wavelength or IR) and temperature   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/02/13 11:20 |
| S92 | 13 | ("4005289"   "5111048").PN. OR ("5444241").URPN.   | US-PGPUB; USPAT; USOCR             | OR | ON | 2006/02/13 11:20 |
| S93 | 15 | ("4124990"   "4653316"   "4987412"   "5026141"   "5042055"   "5126654"   "5444241"   "5656786"   "5657003"   "5686674"   "5817945"   "6178253"   "6336095"   "6560729"   "6615648").PN. OR ("6842534").URPN. | US-PGPUB; USPAT; USOCR             | OR | ON | 2006/02/13 11:20 |
| S94 | 12 | ("4005289"   "4616134"   "4678911"   "5045937"   "5121993"   "5149959").PN. OR ("5445453").URPN.   | US-PGPUB; USPAT; USOCR             | OR | ON | 2006/02/13 11:27 |

|      |     |  |                                    |    |    |                  |
|------|-----|--|------------------------------------|----|----|------------------|
| S95  | 4   | 250\$.ccls. and (thermal and imag\$4) and subsurface and (depth or volume or thickness) and inertia                | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/02/13 11:36 |
| S96  | 4   | 250\$.ccls. and (thermal and imag\$4) and detect and subsurface and inertia  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/02/13 11:37 |
| S97  | 6   | 250\$.ccls. and (thermal and imag\$4) and (subsurface or underground) and inertia                                  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/02/13 11:37 |
| S98  | 9   | 250\$.ccls. and (thermal adj imaging) and environment and (subsurface or underground)                              | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/02/13 11:40 |
| S99  | 9   | 250\$.ccls. and ((thermal or temperature) adj imaging) and environment and (subsurface or underground)             | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/02/13 11:40 |
| S100 | 93  | 250\$.ccls. and ((thermal or temperature) and imaging) and environment and (subsurface or underground)             | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/02/13 11:40 |
| S101 | 3   | 250\$.ccls. and ((thermal or temperature) and imaging) and environment and (subsurface or underground) and inertia | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/02/13 11:41 |
| S102 | 93  | 250\$.ccls. and ((thermal or temperature) and imaging) and environment and (subsurface or underground)             | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/02/13 11:55 |
| S103 | 35  | S102 and (tunnel or landmine or water) and (rock or pavement or concrete or gravel or sand or soil or mud)         | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/02/13 11:55 |
| S104 | 989 | ((thermal or temperature) and imaging) and environment and (subsurface or underground)                             | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/02/13 11:55 |
| S105 | 456 | S104 and (tunnel or landmine or water) and (rock or pavement or concrete or gravel or sand or soil or mud)         | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/02/13 11:55 |
| S106 | 29  | S105 and inertia   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/02/13 11:55 |

|          |      |   |   |    |    |                  |
|----------|------|---|---|----|----|------------------|
| S10<br>7 | 14   | (US-3903520-\$ or US-4257106-\$ or US-4978960-\$ or US-5339080-\$ or US-5444241-\$ or US-5445453-\$ or US-5718511-\$ or US-5972638-\$ or US-6000844-\$ or US-6133869-\$ or US-6343534-\$ or US-6841781-\$ or US-6842534-\$ or US-6982666-\$).did. | USPAT                                       | OR | ON | 2006/02/13 12:06 |
| S10<br>8 | 0    | "6133869" and thermal and image   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/02/13 12:07 |
| S10<br>9 | 1    | "6133869" and thermal   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/02/13 12:07 |
| S11<br>0 | 5    | 250\$.ccls. and (thermal adj imaging) and environment and (subsurface or underground or buried) and calculate   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/02/13 12:45 |
| S11<br>1 | 14   | (US-3903520-\$ or US-4257106-\$ or US-4978960-\$ or US-5339080-\$ or US-5444241-\$ or US-5445453-\$ or US-5718511-\$ or US-5972638-\$ or US-6000844-\$ or US-6133869-\$ or US-6343534-\$ or US-6841781-\$ or US-6842534-\$ or US-6982666-\$).did. | USPAT                                       | OR | ON | 2006/02/13 12:29 |
| S11<br>2 | 10   | S111 and (thermal and temperature and image and (subsurface or underground or buried) map\$6)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/02/13 12:45 |
| S11<br>3 | 1010 | (thermal and temperature and image and (subsurface or underground or buried) and remote\$4 and sens\$4)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/02/13 12:56 |
| S11<br>4 | 95   | 250\$.ccls. and S113  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/02/13 12:57 |
| S11<br>5 | 51   | S114 and wavelength and dimension   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/02/13 12:51 |
| S11<br>6 | 1    | S114 and (site adj map)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/02/13 12:52 |

|      |     |  |   |    |    |                  |
|------|-----|--|---|----|----|------------------|
| S117 | 11  | S114 and satellite   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/02/13 12:52 |
| S118 | 12  | ("4001764"   "4450356"  <br>"4489239"   "4871916"  <br>"5166789"   "5250810"  <br>"5410154"   "5481476"  <br>"5818951"   "6366681"  <br>"6509566"   "6725705").PN. OR<br>("6822742").URPN. | US-PGPUB;<br>USPAT;<br>USOCR                | OR | ON | 2006/02/13 12:53 |
| S119 | 111 | (thermal and temperature and<br>image and (subsurface or<br>underground or buried) and<br>remote\$4 and surface and climate<br>and energy)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/02/13 12:57 |
| S120 | 11  | (thermal and temperature and<br>image and (subsurface or<br>underground or buried) and<br>remote\$4 and surface and climate<br>and energy) and inertia                                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/02/13 12:57 |
| S121 | 111 | (thermal and temperature and<br>image and (subsurface or<br>underground or buried) and<br>remote\$4 and surface and climate<br>and energy)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/02/13 12:59 |
| S122 | 1   | 250\$.ccls. and S121   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/02/13 12:59 |
| S123 | 227 | (thermal and image and<br>(subsurface or underground or<br>buried) and remote\$4 and (surface<br>adj temperature))   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/02/13 12:59 |
| S124 | 27  | 250\$.ccls. and S123   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/02/13 13:00 |
| S125 | 101 | S123 and (tunnel or landmine or<br>water) and (rock or pavement or<br>concrete or gravel or sand or soil<br>or mud) and thermal and image\$4   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/02/13 13:14 |
| S126 | 101 | S123 and ((tunnel or landmine or<br>water) and (rock or pavement or<br>concrete or gravel or sand or soil<br>or mud) and thermal and image\$4<br>and (location or depth or volume))        | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/02/13 13:01 |

|          |    |  |   |    |    |                  |
|----------|----|--|---|----|----|------------------|
| S12<br>7 | 5  | S123 and ((tunnel or landmine or water) and (rock or pavement or concrete or gravel or sand or soil or mud) and thermal and image\$4 and (location or depth or volume) and inertia)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/02/13 13:02 |
| S12<br>8 | 91 | S123 and ((tunnel or landmine or water) and (rock or pavement or concrete or gravel or sand or soil or mud) and thermal and image\$4 and (location or depth or volume) and calculate)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/02/13 13:02 |
| S12<br>9 | 12 | 250\$.ccls. and (thermal adj imaging) and environment and (subsurface or underground or buried)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/02/13 13:12 |
| S13<br>0 | 26 | 250\$.ccls. and (thermal adj imaging) and (subsurface or underground or buried) and (surface adj temperature)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/02/13 13:12 |
| S13<br>1 | 5  | S130 and (rock or pavement or concrete or gravel or sand or soil or mud)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/02/13 13:15 |
| S13<br>2 | 12 | ("4005289"   "4616134"   "4678911"   "5045937"   "5121993"   "5149959").PN. OR ("5445453").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                | OR | ON | 2006/02/13 13:24 |
| S13<br>3 | 10 | ("3278746"   "3373281").PN. OR ("4005289").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                | OR | ON | 2006/02/13 13:26 |
| S13<br>4 | 12 | ("5869967"   "5886664").PN. OR ("6343534").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                | OR | ON | 2006/02/13 14:22 |
| S13<br>5 | 20 | ("4149688"   "4799629"   "5017922"   "5034751"   "5082079"   "5521817"   "5575438"   "5592170"   "5673050"   "5728965"   "5890441"   "5936233"   "6058847"   "6142414"   "6260796"   "6343534"   "6450445"   "6487950").PN. OR ("6626078").URPN. | US-PGPUB;<br>USPAT;<br>USOCR                | OR | ON | 2006/02/13 14:23 |
| S13<br>6 | 12 | ("4005289"   "4616134"   "4678911"   "5045937"   "5121993"   "5149959").PN. OR ("5445453").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                | OR | ON | 2006/02/13 14:47 |

|          |       |  |   |    |    |                  |
|----------|-------|--|---|----|----|------------------|
| S13<br>7 | 0     | 250/341.1.ccls. and map\$6 and image and inertia   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/02/13 15:30 |
| S13<br>8 | 2     | 250/341.6.ccls. and map\$6 and image and inertia   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/02/13 15:30 |
| S13<br>9 | 32    | 250\$.ccls. and thermal and map\$6 and image and inertia   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/02/13 15:33 |
| S14<br>0 | 18    | 250\$.ccls. and CCD and map\$6 and image and inertia   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/02/13 15:33 |
| S14<br>1 | 51    | 250\$.ccls. and (thermal or temperature) and map\$6 and image and inertia  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/02/13 15:45 |
| S14<br>2 | 94    | 250\$.ccls. and (thermal adj inertia)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/02/13 15:45 |
| S14<br>3 | 13242 | 250\$.ccls. and (thermal adj inertia) and wavelength clutter   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/02/13 15:46 |
| S14<br>4 | 309   | 250\$.ccls. and ((thermal adj inertia) and wavelength clutter)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/02/13 15:46 |
| S14<br>5 | 2     | 250\$.ccls. and ((thermal adj inertia) and wavelength and clutter)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/02/13 15:46 |
| S14<br>6 | 37    | 250\$.ccls. and ((thermal adj inertia) and wavelength )  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/02/13 16:04 |
| S14<br>7 | 15    | ("3390605"   "3631254"   "3784307"   "3802778"   "3807868"   "3994586"   "4053232"   "4129781").PN. OR ("4257106").URPN. | US-PGPUB;<br>USPAT;<br>USOCR                | OR | ON | 2006/02/13 16:00 |
| S14<br>8 | 1     | S147 and ((thermal adj inertia) and wavelength )   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/02/13 16:04 |

|      |    |   |                                    |    |    |                  |
|------|----|---|------------------------------------|----|----|------------------|
| S149 | 45 | 250\$.cccls. and ((thermal adj imaging) or infrared or IR) and environment and subsurface and calculate   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/02/14 07:09 |
| S150 | 7  | 250\$.cccls. and ((thermal adj imaging) or infrared or IR) and environment and (subsurface or underground or buried) and inertia  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/02/14 07:10 |
| S151 | 5  | 250\$.cccls. and ((thermal adj imaging) or infrared or IR) and (subsurface or underground or buried) and (thermal adj inertia)  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/02/14 07:29 |
| S152 | 15 | ("3390605"   "3631254"   "3784307"   "3802778"   "3807868"   "3994586"   "4053232"   "4129781").PN. OR ("4257106").URPN.  | US-PGPUB; USPAT; USOCR             | OR | ON | 2006/02/14 07:15 |
| S153 | 8  | ((thermal adj imaging) or infrared or IR) and (subsurface or underground or buried) and (thermal adj inertia) and (satellite or map or (aerial same photo) and (soil or topography or meterology or geology or vegetation)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/02/15 09:04 |
| S154 | 19 | ("3572945"   "3869212"   "3908078"   "4120045"   "4146332"   "4149804"   "4281249"   "4464786"   "4591718"   "4616134"   "4623792"   "4829218").PN. OR ("4852182").URPN.  | US-PGPUB; USPAT; USOCR             | OR | ON | 2006/02/14 07:32 |
| S155 | 16 | ((thermal adj imaging) or infrared or IR) and (subsurface or underground or buried) and (thermal adj inertia) and (satellite or plane)  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/02/14 07:35 |
| S156 | 16 | ((thermal adj imaging) or infrared or IR) and (subsurface or underground or buried) and (thermal adj inertia) and (satellite or plane or airborne)  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/02/14 07:36 |
| S157 | 10 | (thermal or infrared or IR or "infra-red") and imaging and (subsurface or underground or buried) and (thermal adj inertia) and (satellite or plane or airborne)   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/02/14 07:39 |
| S158 | 12 | "4005289"   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/02/14 08:04 |

|          |    |  |   |    |    |                  |
|----------|----|--|---|----|----|------------------|
| S15<br>9 | 10 | ("3278746"   "3373281").PN. OR<br>("4005289").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR                | OR | ON | 2006/02/14 12:36 |
| S16<br>0 | 12 | "6343534"  | US-PGPUB;<br>USPAT;<br>USOCR                | OR | ON | 2006/02/14 12:36 |
| S16<br>1 | 28 | 250\$.ccls. and (tunnel) and (rock<br>or pavement or concrete or gravel<br>or sand or soil or mud) and<br>thermal and image\$4   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/02/14 12:38 |
| S16<br>2 | 3  | 250\$.ccls. and (tunnel) and<br>(subsurface or underground or<br>buried) and (rock or pavement or<br>concrete or gravel or sand or soil<br>or mud) and thermal and image\$4  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/02/14 12:39 |
| S16<br>3 | 17 | 250\$.ccls. and (tunnel) and<br>(subsurface or underground or<br>buried) and thermal and image\$4  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/02/14 12:42 |
| S16<br>4 | 17 | (US-3903520-\$ or US-4257106-\$<br>or US-4978960-\$ or US-5339080-\$<br>or US-5444241-\$ or US-5445453-\$<br>or US-5471056-\$ or US-5718511-\$<br>or US-5936233-\$ or US-5972638-\$<br>or US-6000844-\$ or US-6066850-\$<br>or US-6133869-\$ or US-6343534-\$<br>or US-6841781-\$ or US-6842534-\$<br>or US-6982666-\$).did. | USPAT                                       | OR | ON | 2006/02/14 12:42 |
| S16<br>5 | 1  | S164 and tunnel  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/02/14 13:04 |
| S16<br>6 | 4  | S164 and dimension   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/02/14 13:06 |
| S16<br>7 | 18 | ("20030076254"   "4675677"  <br>"4706031"   "4797680"  <br>"4978960"   "5592170"  <br>"5673050"   "5837926"  <br>"5867117"   "5900833"  <br>"5920285"   "5936233"  <br>"5969661"   "5974881"  <br>"6133869"   "6384766"  <br>"6590519"   "6626078").PN. OR<br>("6982666").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR                | OR | ON | 2006/02/14 13:06 |
| S16<br>8 | 9  | S167 and dimension   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/02/14 13:22 |

|          |    |  |   |    |    |                  |
|----------|----|--|---|----|----|------------------|
| S16<br>9 | 0  | S167 and dimension and thermal<br>and image  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/02/14 13:22 |
| S17<br>0 | 1  | S167 and dimension and thermal   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/02/14 13:23 |
| S17<br>1 | 19 | 250/341.1.ccls. and thermal and<br>image and dimension   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/02/14 13:33 |
| S17<br>2 | 36 | 250/341.6.ccls. and thermal and<br>image and dimension   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/02/14 13:33 |
| S17<br>3 | 17 | (US-3903520-\$ or US-4257106-\$<br>or US-4978960-\$ or US-5339080-\$<br>or US-5444241-\$ or US-5445453-\$<br>or US-5471056-\$ or US-5718511-\$<br>or US-5936233-\$ or US-5972638-\$<br>or US-6000844-\$ or US-6066850-\$<br>or US-6133869-\$ or US-6343534-\$<br>or US-6841781-\$ or US-6842534-\$<br>or US-6982666-\$).did. | USPAT                                       | OR | ON | 2006/02/14 13:34 |
| S17<br>4 | 0  | S173 and inertia and dimension   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/02/14 13:34 |
| S17<br>5 | 3  | S173 and (temperature or heat)<br>and dimension  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/02/14 13:34 |